

Who is currently living with HIV/AIDS? Detailed Data Tables and Technical Notes

Technical Notes:

These data represent only those individuals who tested positive for HIV, have sought medical care *and* have been reported to the HIV/AIDS Surveillance Program. Individuals who are unaware of their status, not in care, or not reported are not reflected in these figures.

The profile of people living with HIV/AIDS presented in “*Who is currently living with HIV/AIDS?*” can be used as an indicator of individuals who are utilizing and/or eligible for HIV services as well as the pool of individuals who are at risk of transmitting HIV infection to others. These data can be used to inform HIV care, treatment and support service planning as well as the planning of prevention programs for people living with HIV/AIDS. Such prevention programs are designed to support people living with HIV/AIDS in their efforts to live longer and healthier lives as well as to reduce behaviors that may put themselves or others at risk for further HIV transmission.

Table 2.1 People Living with HIV/AIDS by Gender, Race/Ethnicity, Place of Birth and Health Service Region: MA*Data as of 7/1/04*

HIV/AIDS		
Gender:	N	%
Male	10,560	72%
Female	4,167	28%
Race/Ethnicity:	N	%
White (non-Hispanic)	6,895	47%
Black (non-Hispanic)	3,956	27%
Hispanic	3,598	24%
Asian/Pacific Islander	169	1%
American Indian/Alaska Native	20	<1%
Other/Unknown	89	1%
Place of Birth:	N	%
US	10,406	71%
Puerto Rico/US Dependency ¹	1,825	12%
Non-US	2,496	17%
Health Service Region¹:	N	%
Boston HSR	4,841	33%
Central HSR	1,264	9%
Metro West HSR	1,797	12%
Northeast HSR	2,070	14%
Southeast HSR	2,067	14%
Western HSR	1,677	11%
Prison ²	1002	7%
TOTAL³	14,727	100%

¹ 94% of people living with HIV/AIDS who were born in a US Dependency were born in Puerto Rico² Reflects the health service region of a person's residence at the time of report (not necessarily current residence).³ HSRs are regions defined geographically to facilitate targeted health service planning. While prisons are not an HSR, the prison population is presented separately in this analysis because of its unique service planning needs. Prisons include persons who were diagnosed with HIV/AIDS while in a correctional facility.⁴ Total includes 9 people living with HIV/AIDS with unknown HSR; Data Source: MDPH HIV/AIDS Surveillance Program (percentages may not add up to 100% due to rounding)

Table 2.5 People Living with HIV/AIDS by Gender and Race/Ethnicity: MA*Data as of 7/1/04*

Race/Ethnicity:	Male		Female	
	N	%	N	%
White Non-Hispanic	5,567	53%	1,328	32%
Black Non-Hispanic	2,351	22%	1,605	39%
Hispanic	2,444	23%	1,154	28%
Asian/Pacific Islander	131	1%	38	1%
American Indian/Alaska Native	10	<1%	10	<1%
Not Specified	57	1%	32	1%
Total	10,560	100%	4,167	100%

Data Source: MDPH HIV/AIDS Surveillance Program (percentages may not add up to 100% due to rounding)

Table 2.2 People Living with HIV/AIDS by Race/Ethnicity and Place of Birth: MA*Data as of 7/1/04*

Race/Ethnicity:	US		Puerto Rico/ US Dependency ¹		Non-US		Total
	N	%	N	%	N	%	N
White NH	6,563	95%	21	<1%	311	5%	6,895
Black NH	2,474	63%	15	<1%	1,467	37%	3,956
Hispanic	1,241	34%	1,789	50%	568	16%	3,598
API	34	20%	0	0%	135	80%	169
AI/AN	19	95%	0	0%	1	5%	20
Other/Unknown	75	84%	0	0%	14	16%	89

¹ 94% of people living with HIV/AIDS who were born in a US Dependency were born in Puerto Rico

NH= Non-Hispanic, API=Asian/Pacific Islander, AI/AN=American Indian/Alaska Native

Data Source: MDPH HIV/AIDS Surveillance Program (percentages may not add up to 100% due to rounding)

Table 2.6 People Living with HIV/AIDS by Gender and Place of Birth: MA*Data as of 7/1/04*

Race/Ethnicity:	Male		Female	
	N	%	N	%
United States (US)	7,781	74%	2,625	63%
Puerto Rico/US Dependency	1,263	12%	562	13%
Non-US	1,516	14%	980	24%
Total	10,560	100%	4,167	100%

Data Source: MDPH HIV/AIDS Surveillance Program (percentages may not add up to 100% due to rounding)

Table 2.4 People Living with HIV/AIDS by Current Age: MA*Data as of 7/1/04*

Current Age, in Years:	N	%
Under 13 ¹	33	<1%
13 to 19	61	<1%
20 to 24	202	1%
25 to 29	533	4%
30 to 34	1,354	9%
35 to 39	2,840	19%
40 to 44	3,599	24%
45 to 49	2,958	20%
50+	3,147	21%
Total	14,727	100%

¹ Includes AIDS cases under age 13 years only, data on HIV (non-AIDS) cases under age 13 years are not included here. For more information contact the Pediatric Spectrum of Disease Project, MDPH Bureau of Communicable Disease Control.

Data Source: MDPH HIV/AIDS Surveillance Program (percentages may not add up to 100% due to rounding)

Table 2.3 People Living with HIV/AIDS by Exposure Mode: MA		
<i>Data as of 7/1/04</i>		
HIV/AIDS		
Exposure Mode¹:	N	%
Male-to-male sex (MSM)	4,864	33%
Injection Drug Use (IDU)	4,379	30%
MSM/IDU	486	3%
Receipt of Blood/Blood products	130	1%
Pediatric	92	1%
Total Heterosexual Sex (HTSX)	2,000	14%
• HTSX w/ an Injection Drug User	865	6%
• HTSX w/ a person w/ HIV or AIDS	1,079	7%
• HTSX w/Bisexual male	32	<1%
• Other HTSX	24	<1%
Total Undetermined/Other	2,776	19%
• Presumed Heterosexual - Unknown risk of partner	2,077	14%
• Undetermined/Other ²	698	5%
TOTAL	14,727	100%
¹ See the Glossary for an explanation of Exposure Mode categories		
² Includes those still being followed up for risk information, those who have died with no determined risk, those lost to follow-up, and one person with confirmed occupational exposure		
Data Source: MDPH HIV/AIDS Surveillance Program (percentages may not add up to 100% due to rounding)		

Note: The category of “presumed heterosexual” is used in Massachusetts to re-assign people who are reported with no identified risk but who are known not to have reported any other risks except heterosexual sex with a partner of unknown HIV status or risk. Massachusetts uses this category to distinguish these cases from other undetermined cases about which we know less. Nationally, the Centers for Disease Control and Prevention categorizes “presumed heterosexual” cases as “no identified risk”. Nationally, the Centers for Disease Control and Prevention categorizes these cases as “no identified risk”. As such, comparisons of the presumed heterosexual category cannot be made to national data. Caution should be used in interpreting data for presumed heterosexual as it is still not clear what the exposure risk is for people in this category. Although a person may not report other risk behaviors such as injection drug use or male-to-male sex to his/her health care provider, it does not necessarily mean that he/she has not engaged in them. There are many barriers to disclosing HIV risk behaviors in the health care setting such as a tenuous patient-provider relationship or the stigma associated with drug use and male-to-male sex.

Table 2.7 People Living with HIV/AIDS by Gender and Exposure Mode: MA*Data as of 7/1/04*

Exposure Mode:	Male		Female	
	N	%	N	%
Male-to-male sex (MSM)	4,864	46%	N/A	N/A
Injection drug use (IDU)	2,972	28%	1,407	34%
MSM/IDU	486	5%	N/A	N/A
Heterosexual sex	608	6%	1,392	33%
Other	132	1%	91	2%
Total Undetermined	1,498	15%	1,277	31%
• Presumed heterosexual sex ¹	1,006	10%	1,071	26%
• Undetermined ²	492	5%	206	5%
Total	10,560	100%	4,167	100%

¹ Heterosexual sex with partners with unknown risk and HIV status² Includes those still being followed up for risk information, those who have died with no determined risk, those lost to follow-up, and one person with confirmed occupational exposure; N/A=Not Applicable

Data Source: MDPH HIV/AIDS Surveillance Program (percentages may not add up to 100% due to rounding)

Table 2.8 People Living with HIV/AIDS by Race/Ethnicity and Exposure Mode: MA*Data as of 7/1/04*

	White NH		Black NH		Hispanic		API		AI/AN	
	N	%	N	%	N	%	N	%	N	%
MSM	3,659	53%	552	14%	554	15%	64	38%	6	30%
IDU	1,674	24%	1,041	26%	1,633	45%	8	5%	8	40%
MSM/IDU	293	4%	98	2%	92	3%	-- ¹	-- ¹	-- ¹	-- ¹
HTSX	506	7%	734	19%	719	20%	25	15%	-- ¹	-- ¹
Other	105	2%	70	2%	45	1%	-- ¹	-- ¹	-- ¹	-- ¹
Total Undetermined	658	9%	1,461	37%	555	16%	68	41%	-- ¹	-- ¹
• Pres. HTSX ²	430	6%	1,169	30%	416	12%	45	27%	-- ¹	-- ¹
• Undetermined ³	228	3%	292	7%	139	4%	23	14%	-- ¹	-- ¹
Total	6,895	100%	3,956	100%	3,598	100%	169	100%	20	100%

¹ Percentages calculated from a numerator of less than 5 and a denominator of less than 100 are not presented² Heterosexual sex with partners with unknown risk and HIV status³ Includes those still being followed up for risk information, those who have died with no determined risk and those lost to follow-up, and one person with confirmed occupational exposure

NH = Non-Hispanic, API = Asian/Pacific Islander, AI/AN = American Indian/Alaska Native, MSM = Male-to-male sex, IDU = Injection Drug Use, HTSX = Heterosexual Sex, P. HTSX = Presumed Heterosexual Sex

Data Source: MDPH HIV/AIDS Surveillance Program (percentages may not add up to 100% due to rounding)

Table 2.9 Males Living with HIV/AIDS by Race/Ethnicity and Exposure Mode¹: MA*Data as of 7/1/04*

	White NH		Black NH		Hispanic		API		AI/AN	
	N	%	N	%	N	%	N	%	N	%
MSM	3,659	66%	552	23%	554	23%	64	49%	6	60%
IDU	986	18%	718	31%	1,252	51%	6	5%	-- ²	-- ²
MSM/IDU	293	5%	98	4%	92	4%	-- ²	-- ²	-- ²	-- ²
HTSX	137	2%	249	11%	209	9%	9	7%	-- ²	-- ²
Other	76	1%	29	1%	26	1%	-- ²	-- ²	-- ²	-- ²
Total Undetermined	416	7%	705	30%	311	13%	50	38%	-- ²	-- ²
• Pres. HTSX ³	238	4%	514	22%	213	9%	34	26%	-- ²	-- ²
• Undetermined ⁴	178	3%	191	8%	98	4%	16	12%	-- ²	-- ²
Total	5,567	100%	2,351	100%	2,444	100%	131	100%	10	100%

¹ See the Glossary for an explanation of exposure mode categories² Percentages calculated from a numerator of less than 5 and a denominator of less than 100 are not presented³ Heterosexual sex with partners with unknown risk and HIV status⁴ Includes those still being followed up for risk information, those who have died with no determined risk, and those lost to follow-up

NH = Non-Hispanic, API = Asian/Pacific Islander, AI/AN = American Indian/Alaska Native, MSM = Male-to-male sex, IDU = Injection Drug Use, HTSX = Heterosexual Sex, P. HTSX = Presumed Heterosexual Sex, NIR = No Identified Risk

Data Source: MDPH HIV/AIDS Surveillance Program (percentages may not add up to 100% due to rounding)

Table 2.10 Females Living with HIV/AIDS by Race/Ethnicity and Exposure Mode¹: MA*Data as of 7/1/04*

	White NH		Black NH		Hispanic		API		AI/AN	
	N	%	N	%	N	%	N	%	N	%
IDU	688	52%	323	20%	381	33%	-- ²	-- ²	6	60%
HTSX	369	28%	485	30%	510	44%	16	42%	-- ²	-- ²
Other	29	2%	41	3%	19	2%	-- ²	-- ²	-- ²	-- ²
Total Undetermined	242	18%	756	47%	244	22%	18	47%	-- ²	-- ²
• Pres. HTSX ³	192	14%	655	41%	203	18%	11	29%	-- ²	-- ²
• Undetermined ⁴	50	4%	101	6%	41	4%	7	18%	-- ²	-- ²
Total	1,328	100%	1,605	100%	1,154	100%	38	100%	10	100%

¹ See the Glossary for an explanation of exposure mode categories² Percentages calculated from a numerator of less than 5 and a denominator of less than 100 are not presented³ Heterosexual sex with partners with unknown risk and HIV status⁴ Includes those still being followed up for risk information, those who have died with no determined risk, and those lost to follow-up

NH = Non-Hispanic, API = Asian/Pacific Islander, AI/AN = American Indian/Alaska Native, MSM = Male-to-male sex, IDU = Injection Drug Use, HTSX = Heterosexual Sex, P. HTSX = Presumed Heterosexual Sex, NIR = No Identified Risk

Data Source: MDPH HIV/AIDS Surveillance Program (percentages may not add up to 100% due to rounding)

Table 2.11 People Living with HIV/AIDS by Health Service Region (HSR)¹ and Gender: MA*Data as of 7/1/04*

Health Service Region	Male		Female		Total
	N	%	N	%	N
Boston HSR	3,695	76%	1,146	24%	4,841
Central HSR	793	63%	471	37%	1,264
Metro West HSR	1,287	72%	510	28%	1,797
Northeast HSR	1,420	69%	650	31%	2,070
Southeast HSR	1,459	71%	608	29%	2,067
Western HSR	1,051	63%	626	37%	1,677
Prison ²	850	85%	152	15%	1,002
MA Total³	10,560	72%	4,167	28%	14,727

¹ Reflects the health service region of a person's residence at the time of report (not necessarily current residence)² HSRs are regions defined geographically to facilitate targeted health service planning. While prisons do not constitute an HSR, the prison population is presented separately in this analysis because of its unique service planning needs. Prisons include only persons who were diagnosed with HIV/AIDS while in a correctional facility³ MA Total includes 9 people living with HIV/AIDS with unknown residence at time of report

Data Source: MDPH HIV/AIDS Surveillance Program (percentages may not add up to 100% due to rounding)

Table 2.12 People Living with HIV/AIDS by Health Service Region (HSR)¹ and Race/Ethnicity: MA*Data as of 7/1/04*

HSR	White NH	Black NH	Hispanic	API	AI/AN	Total
Boston HSR	43%	38%	17%	1%	<1%	4,841
Central HSR	47%	18%	34%	1%	<1%	1,264
Metrowest HSR	55%	32%	11%	2%	0%	1,797
Northeast HSR	51%	18%	28%	3%	<1%	2,070
Southeast HSR	67%	19%	13%	<1%	<1%	2,067
Western HSR	30%	19%	50%	<1%	<1%	1,677
Prison ²	30%	26%	43%	<1%	<1%	1,002

¹ Reflects the health service region of a person's residence at the time of report (not necessarily current residence)² HSRs are regions defined geographically to facilitate targeted health service planning. While prisons do not constitute an HSR, the prison population is presented separately in this analysis because of its unique service planning needs. Prisons include only persons who were diagnosed with HIV/AIDS while in a correctional facility

API = Asian/Pacific Islander, AI/AN = American Indian/Alaska Native, NH= Non-Hispanic; Data Source: MDPH HIV/AIDS Surveillance Program

Table 2.13 People Living with HIV/AIDS by Health Service Region¹ and Exposure Mode²: MA*Data as of 7/1/04*

HSR	MSM	IDU	MSM/ IDU	HTSX	Other	Pres. HTSX	NIR	Total
Boston HSR	45%	20%	3%	11%	1%	15%	5%	4,841
Central HSR	20%	40%	3%	19%	2%	13%	3%	1,264
Metrowest HSR	38%	19%	3%	12%	2%	20%	7%	1,797
Northeast HSR	30%	27%	3%	15%	1%	18%	6%	2,070
Southeast HSR	35%	30%	3%	15%	2%	10%	4%	2,067
Western HSR	20%	39%	3%	19%	1%	13%	5%	1,677
Prison ³	5%	75%	4%	6%	0%	7%	2%	1,002

¹ Reflects the health service region of a person's residence at the time of report (not necessarily current residence)² See the Glossary for an explanation of Exposure Mode categories. MSM = male-to-male sex; IDU = injection drug use; MSM/IDU = male-to-male sex and injection drug use; HTSX = heterosexual sex; Pres. HTSX = presumed heterosexual; NIR = No Identified Risk³ HSRs are regions defined geographically to facilitate targeted health service planning. While prisons do not constitute an HSR, the prison population is presented separately in this analysis because of its unique service planning needs. Prisons include only persons who were diagnosed with HIV/AIDS while in a correctional facility; Data Source: MDPH HIV/AIDS Surveillance Program (percentages may not add up to 100% due to rounding)